Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 27 Dec 2020 until 23:59 on Monday 28 Dec 2020

Forecast Issued on Sunday 27 Dec 2020 at 03:15

Confidence: High for cold conditions throughout the period but lower confidence for details regarding snow showers.

Headline for Sunday 27 Dec 2020: Cold and windy with sleet or snow showers.

Mountain weather hazards on Sunday 27 Dec 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
High Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Heavy snow	Light snow	Light snow	Light snow	Cloudy
Precipitation probability					
40%	40%	40%	30%	30%	30%

Forecast for Sunday 27 Dec 2020

Weather: A bitterly cold day with bright intervals and occasional snow showers, but mainly falling as sleet below 200m.

Chance of cloud free mountain/hill tops above 600m: 70%. Cloud bases highly variable but occasionally lowering to around 400m in showers. Best chance of clear tops over eastern hills.

Visibility: Fast-changing as showers move through. Long spells of good visibility between showers. Occasionally down to a few hundred metres or less in low cloud and snow showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 27 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/33 W	24/30 W	27/36 SW	23/30 SW	19/26 SW	18/24 SW	18/25 S
300	20/26 W	19/26 SW	19/28 SW	16/24 SW	13/21 SW	12/20 SW	13/21 S
Valley	13/27 W	12/24 W	13/27 SW	11/24 SW	9/20 SW	9/19 SW	9/20 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-8	-1/-9	-1/-9	-1/-8	-1/-8	-2/-8	-2/-9
300	1/-5	1/-6	2/-5	2/-4	1/-4	0/-5	0/-5
Valley	2/-3	1/-4	2/-3	2/-2	1/-3	1/-3	0/-4
Freezing Level*	400m	300m	400m	400m	300m	300m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Much colder day with a severe wind chill. A couple of centimetres of fresh snow is expected above 400m.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 26 Dec 2020	0.2mm	0.4mm	3.8mm

Forecast for Monday 28 Dec 2020

Weather: Outbreaks of sleet or snow overnight and to start the morning then becoming dry later in the morning with bright spells. A few snow showers in the afternoon, mainly across eastern hills.

Maximum wind: East or northeast 10-15mph.

Chance of cloud free mountain/hill tops above 600m: 30% at first with extensive cloud above 400m. Becoming 80% through the morning with cloud lifting above summits. Patchy cloud on the tops in the afternoon.

Visibility: Very poor on high ground overnight and early morning. Becoming very good with just temporary reductions in snow showers.

Temperature: **Valleys:** Plus 1C rising to 3 or 4C, falling to Minus 1C in evening.
At 600m: Minus 1 or 2C.
Freezing level: 300m.

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